



General Water Licence Application
(Application for a new Water Licence)

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NUNAVUT WATER BOARD
OFFICE DES EAUX DU NUNAVUT

DOCUMENT MANAGEMENT

Original Document Date: April 2010

DOCUMENT AMENDMENTS

	Description	Date
(1)	Updated for public distribution as separate document from NWB Guide 4	June 2010
(2)	Updated NWB logos and reformatted table to allow rows to break across page	May 2011
(3)	Update NWB logo	April 2013
(4)		
(5)		
(6)		
(7)		
(8)		
(9)		
(10)		



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NUNAVUT WATER BOARD

NUNAVUT IMALIRIYIN KATIMAYIT

OFFICE DES EAUX DU NUNAVUT

GENERAL WATER LICENCE APPLICATION (APPLICATION FOR NEW WATER LICENCE)

The applicant is referred to the NWB's Guide 4: Guide to Completing and Submitting a Water Licence Application for a New Licence for more information about this application form.

LICENCE NO: (for NWB use only)														
1. APPLICANT (PROPOSED LICENSEE) CONTACT INFORMATION (name, address) Agnico Eagle Mines Limited - Meadowbank Division Address: 145 King Street East, Suite 400 Toronto, Ontario, M5C 2Y7, Canada Phone: 416-947-1212 (Alt: 1-888-822-6714) Fax: 416-367-4681 e-mail: info@agnicoeagle.com	2. APPLICANT REPRESENTATIVE CONTACT INFORMATION if different from Block 1 (name, address) Ryan Vanengen Agnico Eagle Mines Ltd. Meadowbank Gold Mine P.O. Box 540 Baker Lake, Nunavut, X0C 0A0 Jamie Quesnel Agnico Eagle Mines Ltd. Meadowbank Gold Mine P.O. Box 540 Baker Lake, Nunavut, X0C 0A0 Phone: 819.759.3555 x 6838 Fax: _____ e-mail: meadowbank.enviromentsupervisors@agnicoeagle.com (Attach authorization letter.)													
3. NAME OF PROJECT (including the name of the project location) Whale Tail Pit														
4. LOCATION OF UNDERTAKING Project Extents <table border="1"> <thead> <tr> <th>Project Extents</th> <th>Latitude</th> <th>Longitude</th> </tr> </thead> <tbody> <tr> <td>Haul Road</td> <td>65° 04' 53.3" N</td> <td>96° 01' 00.8" W</td> </tr> <tr> <td>(Approved as Exploration Access Road Type B 8BC-AEA1525)</td> <td>65° 23' 49.7" N</td> <td>96° 40' 35.8" W</td> </tr> <tr> <td>Whale Tail Pit Project Area</td> <td>65° 25' 22.241" N</td> <td>96° 46' 6.042" W</td> </tr> </tbody> </table>			Project Extents	Latitude	Longitude	Haul Road	65° 04' 53.3" N	96° 01' 00.8" W	(Approved as Exploration Access Road Type B 8BC-AEA1525)	65° 23' 49.7" N	96° 40' 35.8" W	Whale Tail Pit Project Area	65° 25' 22.241" N	96° 46' 6.042" W
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	65° 25' 12.707" N	96° 35' 44.100" W
	65° 21' 35.740" N	96° 36' 3.944" W
	65° 21' 45.248" N	96° 46' 24.463" W

Camp Location(s)

Camp Locations	Latitude	Longitude
Whale Tail Pit Camp Site	95° 24' 36" N	96° 41' 41" W

Refer to Volume 1, Figures 1.1-1 and 1.1-2 for general layout/location figures for the Project.

5. MAP - Attach a topographical map, indicating the main components of the undertaking.

Refer to Volume 1, Figure 1.1-1.

NTS Map Sheet No.: _____ Map Name: _____ Map Scale: _____

All Weather Access Road – NTS sheet 066H/Amer Lake/Scale 1:250,000 (NAD 83) UTM Zoe 14 W
(Already on file from original application)

Whale Tail Pit - NTS sheet 66H/7/Scale 1:50,000

6. NATURE OF INTEREST IN THE LAND - Check any of the following that are applicable to the proposed undertaking (at least one box under the 'Surface' header must be checked).

Agnico Eagle Mines Limited holds a number of land use permits, leases and authorizations for the Project, with the Kivalliq Inuit Association (KIA), Indian and Northern Affairs (INAC), and the Government of Nunavut (GN), a full list of land use permits, leases and authorizations for the Project is provided in Volume 1, Appendix 1-B. This list includes dates of issuance and dates of expiry.

Sub-surface

☒ Mineral Lease from Nunavut Tunngavik Incorporated (NTI)
Date (expected date) of issuance: _____ Date of expiry: _____

☐ Mineral Lease from Indian and Northern Affairs Canada (INAC)
Date (expected date) of issuance: _____ Date of expiry: _____

Surface

☒ Crown Land Use Authorization from Indian and Northern Affairs Canada (INAC)
Date (expected date) of issuance: _____ Date of expiry: _____

☒ Inuit Owned Land (IOL) Authorization from Kitikmeot Inuit Association (KIA)
Date (expected date) of issuance: _____ Date of expiry: _____

☐ IOL Authorization from Kivalliq Inuit Association (KivIA)
Date (expected date) of issuance: _____ Date of expiry: _____

<input type="checkbox"/>	IOL Authorization from Qikiqtani Inuit Association (QIA) Date (expected date) of issuance: _____ Date of expiry: _____
<input type="checkbox"/>	Commissioner's Land Use Authorization Date (expected date) of issuance: _____ Date of expiry: _____
<input type="checkbox"/>	Other: _____ Date (expected date) of issuance: _____ Date of expiry: _____
Name of entity(s) holding authorizations: Agnico Eagle Mines Limited	

7. NUNAVUT PLANNING COMMISSION (NPC) DETERMINATION

Indicate the land use planning area in which the project is located.

<input type="checkbox"/> North Baffin	<input checked="" type="checkbox"/> Keewatin
<input type="checkbox"/> South Baffin	<input type="checkbox"/> Sanikiluaq
<input type="checkbox"/> Akunnig	<input type="checkbox"/> West Kitikmeot

Is a land use plan conformity determination required?

☐ Yes ☐ No

If Yes, indicate date issued and attach copy _____

If No, provide written confirmation from NPC confirming that a land use plan conformity review is not required.

8. NUNAVUT IMPACT REVIEW BOARD (NIRB) DETERMINATION

Is an Article 12 Part 4 screening determination required?

☐ Yes ☐ No

If Yes, indicate date issued and attach copy _____

On May 17, 2016 Agnico Eagle filed application with NPC requesting conformity determination. NPC File No. 148297. On June 17, 2016 NPC determined the Whale Tail Pit and haul road proposal conforms to the Keewatin Regional Land Use Plan and that the proposal requires screening by NIRB.

If No, provide written confirmation from NIRB confirming that a screening determination is not required.

9. DESCRIPTION OF UNDERTAKING – List and attach plans and drawings or project proposal.

Agnico Eagle Mines Limited – Meadowbank Division (the Mine Division) is proposing to develop Whale Tail Pit, a satellite deposit located on the Amaruq property, to continue mine operations and milling at Meadowbank Mine. The Amaruq property is a 408 square kilometre (km²) site located on Inuit Owned Land approximately 150 kilometres (km) north of the hamlet of Baker Lake and approximately 50 km northwest of Meadowbank Mine in the Kivalliq Region of Nunavut. Meadowbank Mine is an approved mining operation and Agnico Eagle is looking to extend the life of the mine by constructing and operating Whale Tail Pit and haul road (Project).

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(the Project). The Mine Division's priority in recent years has been to optimize mine operations, specifically engineers have been considering the feasibility of expanding operations to extend the life of mine (LOM) at Meadowbank. Extending the life of a mine through development of additional ore deposits is a continuous process. Consistent with the Project Certificate Item 29, Agnico Eagle is herein "reporting to NIRB if and when [Agnico Eagle] develops plans for an expansion of the Meadowbank Gold Mine." Exploration is on-going with the objective of identifying additional deposits or ore bodies feasible for development, such as Whale Tail.

Whale Tail Pit will require some new Project facilities which will consist of a personnel camp (i.e., Main Camp), power plant, heli-pad, maintenance shop, tank farm, a waste rock storage facility (WRSF), an ore stockpiling facility, an attenuation pond, a water and sewage collection and treatment system, haul roads, access roads, water management infrastructure (e.g., collection ponds, channels, dikes, dams, and culverts), and the Whale Tail Pit. As a result of development, Agnico Eagle is also proposing to expand the width of the existing exploration access road to a haul road to accommodate increased traffic rates and haul trucks. No new infrastructure is required at the existing Meadowbank Mine to support the development of the Project.

Agnico Eagle proposes to process the Whale Tail ore and dispose of the tailings slurry at the existing Meadowbank Mine tailing storage facility (TSF), which is authorized under the current Project Certificate and will require an amendment to the Type A Water Licence (under separate application). Whale Tail tailings will require the same long-term environmental control mechanisms as are currently approved for Meadowbank.

Approximately 2.5 Mt of waste rock will be used for construction activities such as roads, pads, and water management facilities (i.e., dike, berm, rip rap, etc.). The remaining waste rock and overburden material will be hauled to the Whale Tail WRSF, which is located northwest of the Whale Tail Pit. A second, temporary overburden storage pad for staging purposes is located west of the Whale Tail Lake. Waste rock and overburden will be co-disposed together in one of the two piles constituting the storage facility.

The Project will be supported using the existing transportation requirements, relying on marine transportation for most supplies, aircraft for supplies and transportation of employees, and the gold doré produced at the Meadowbank Mill. The Meadowbank All Weather Access Road (AWAR) will continue to provide supplies transported from the existing Baker Lake marshalling facilities to the Meadowbank Mine. The current operational components include marshalling facilities in Baker Lake and the 110 km AWAR between Baker Lake and Meadowbank Mine. Agnico Eagle is proposing to upgrade the previously permitted Amaruq exploration access road to a haul road to support the development of Whale Tail Pit and to enable hauling needed between the Whale Tail Pit and the Meadowbank Mill. No changes are proposed for the Meadowbank AWAR to Baker Lake.

Construction of the Whale Tail Pit site will begin as soon as approval and permits are received (anticipated for early 2018) and ultimately have full production in 2019. The operational phase will span three to four years, from Year 1 (2019) to Year 4 (2022). Closure will occur from end of Year 4 (2022) to Year 11 (2029) after the completion of mining and will include removal of the non-essential site infrastructure and flooding of the mined-out open pit, as well as reestablishment of the natural Whale Tail Lake water level. By extending the life of mine at Meadowbank, Agnico Eagle will progressively close portions of Meadowbank Mine while operating.

Further details can be found in the June 2016 submission includes:

- Volume 1 - Project Description;

- **Volume 2 – Environmental Overview and Type A Water Licence document;**
- **Volume 3 through Volume 8 - series of complementary documents to provide a full understanding of the technical and scientific aspects of the Project, which includes:**
 - **Volume 3 – Assessment Methods;**
 - **Volume 4 – Atmospheric Environment;**
 - **Volume 5 – Terrestrial Environment;**
 - **Volume 6 – Freshwater Environment;**
 - **Volume 7 – Human Environment; and**
 - **Volume 8 – Monitoring, Mitigation and Management Plans.**

- 10. OPTIONS** – Provide a brief explanation of the alternative methods or locations that were considered to carry out the project.
Refer to Volume 1, Section 1.10 for detailed information on alternatives considered for the Project.

In summary, Project alternatives were considered during all stages of Project design. Consultation and regulatory engagement discussions have been considered as part of the alternatives assessment. In general, Project alternatives were evaluated according to the following criteria:

- **Environmental - potential impacts to the environment, project footprint, reclamation;**
- **Engineering and Viability – best engineering practices, technology, permitting, risk, and flexibility;**
- **Economy – cost implications, construction capital, operating costs, maintenance cost for reclamation; and**
- **Society – community acceptance or preference, traditional knowledge, health and safety, quality of life, employment, and socio economic effects.**

The alternatives that shaped the overall Project include the following:

- **Project Go/No-Go decision;**
- **Deposit, Mining Method, and Production;**
- **Processed Ore Containment and Tailing Storage;**
- **Overburden and Waste Rock Disposal;**
- **Water Management;**
- **Transportation, Access, and Quarry Development; and**
- **Infrastructure Support.**

- 11. CLASSIFICATION OF PRIMARY UNDERTAKING** - Indicate the primary classification of undertaking by checking one of the following boxes.

- | | |
|----------------------------------------------------------------------------------------------------------|----------------------------------------------------------|
| <input type="checkbox"/> Industrial | <input type="checkbox"/> Agricultural |
| <input checked="" type="checkbox"/> Mining and Milling (includes exploration/drilling/exploration camps) | |
| <input type="checkbox"/> Conservation | |
| <input type="checkbox"/> Municipal (includes camps/lodges) | <input type="checkbox"/> Recreational |
| <input type="checkbox"/> Power | <input type="checkbox"/> Miscellaneous (describe below): |

See Schedule II of *Northwest Territories Waters Regulations* for Description of Undertakings.

Information in accordance with applicable Supplemental Information Guidelines (SIG) must be submitted with a New Water Licence Application. Indicate which SIG(s) are applicable to your application.

- ☐ Hydrostatic Testing
- ☐ Tannery

		<input type="checkbox"/> Tourist / Remote Camp <input type="checkbox"/> Landfarm & On-Site Storage of Hydrocarbon Contaminated Soil <input type="checkbox"/> Onshore Oil and Gas Exploration Drilling <input type="checkbox"/> Mineral Exploration / Remote Camp <input type="checkbox"/> Advanced Exploration <input checked="" type="checkbox"/> Mine Development <input type="checkbox"/> Municipal <input checked="" type="checkbox"/> General Water Works <input type="checkbox"/> Power
12.		<p>WATER USE - Check the appropriate box(s) to indicate the type(s) of water use(s) being applied for.</p> <div style="display: flex; flex-wrap: wrap;"> <div style="width: 50%;"> <input checked="" type="checkbox"/> To obtain water for camp/ municipal purposes <input checked="" type="checkbox"/> To obtain water for industrial purposes <input checked="" type="checkbox"/> To cross a watercourse <input checked="" type="checkbox"/> To alter the flow of, or store water <input checked="" type="checkbox"/> Other: <u> Dewatering Lakes; Impacted Ponds </u> </div> <div style="width: 50%;"> <input checked="" type="checkbox"/> To divert a watercourse <input checked="" type="checkbox"/> To modify the bed or bank of a watercourse <input checked="" type="checkbox"/> Flood control </div> </div>
13.		<p>QUANTITY AND QUALITY OF WATER INVOLVED - For each type of water use indicated in Block 12, provide the source of water, the quality of the water source and available capacity, the estimated quantity to be used in cubic meters per day, method of extraction, as well as the quantities and qualities of water to be returned to source.</p> <p style="color: blue;">Nemo Lake is proposed for freshwater supply to the Whale Tail Camp and Whale Tail Lake (South Basin) for reflooding. The information stipulated below for each water use identified is provided in Table 1 - Quantity and Quality of Water Involved, attached to this application form.</p> <p style="color: blue;">For additional information, please refer to the Water Management Plan (Appendix 8.B-2).</p> <p>Name of water source(s) (show location(s) on map): Location of Nemo Lake, the water source for Whale Tail Camp, is provided on Figure 1.2-1 Site Layout and Infrastructure; Intake shown in Appendix 1-C design drawings and concept layouts.</p> <p>(show location(s) on map)</p> <p style="color: blue;">Refer to Table 1 Quantity and Quality of Water involved for all subsequent question in this Block.</p> <p>Describe the quality of the water source(s) and the available capacity: _____ _____ _____</p> <p>Provide the overall estimated quantity of water to be used: <u> 523 </u> m³/day or 191,052 m³/year during operations</p> <p>Provide the estimated quantity(s) of water to be used from each source: _____</p> <p>Indicate the estimated quantities to be used for each purpose (camp, drilling, etc.) 191,052 m³/year during operations from Nemo for camp or and up to 10.8 m³/year during reflooding from Whale Tail Lake South. Refer to quantities proposed by year in Table 2. 4-5 in the application coverletter.</p>

	<p>Describe the method of extraction(s): _____</p> <p>Estimated quantity(s) of water returned to source(s) _____ m³/day</p> <p>Describe the quality of water(s) returned to source(s): _____</p> <p>_____</p> <p>_____</p>																														
14.	<p>WASTE – Check the appropriate box(s) to indicate the types of waste(s) generated and deposited.</p> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p><input checked="" type="checkbox"/> Sewage</p> <p><input checked="" type="checkbox"/> Solid Waste</p> <p><input checked="" type="checkbox"/> Hazardous</p> <p><input checked="" type="checkbox"/> Bulky Items/Scrap Metal</p> <p><input type="checkbox"/> Animal Waste</p> <p><input checked="" type="checkbox"/> Other (describe): Tailings, Waste Rock, Overburden, Ash</p> </div> <div style="width: 45%;"> <p><input checked="" type="checkbox"/> Waste oil</p> <p><input checked="" type="checkbox"/> Greywater</p> <p><input checked="" type="checkbox"/> Sludges</p> <p><input checked="" type="checkbox"/> Contaminated soil and/or water</p> </div> </div>																														
15.	<p>QUANTITY AND QUALITY OF WASTE INVOLVED – For each type of waste indicated in Block 14, describe its composition, quantity in cubic meters/day, method of treatment and method of disposal.</p> <p style="color: blue;">The information stipulated below for each waste deposit identified in Block 14 is provided in Table 2 - Quantity and Quality of Waste Involved, attached to this application form.</p> <p style="color: blue;">For additional information, please refer to the Table 8.2-1: List of Monitoring, Mitigation, and Management Plans</p> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr style="background-color: #d3d3d3;"> <th style="padding: 5px;">Type of Waste</th> <th style="padding: 5px;">Composition</th> <th style="padding: 5px;">Quantity Generated</th> <th style="padding: 5px;">Treatment Method</th> <th style="padding: 5px;">Disposal Method</th> </tr> </thead> <tbody> <tr><td style="height: 20px;"></td><td></td><td></td><td></td><td></td></tr> <tr><td style="height: 20px;"></td><td></td><td></td><td></td><td></td></tr> <tr><td style="height: 20px;"></td><td></td><td></td><td></td><td></td></tr> <tr><td style="height: 20px;"></td><td></td><td></td><td></td><td></td></tr> <tr><td style="height: 20px;"></td><td></td><td></td><td></td><td></td></tr> </tbody> </table>	Type of Waste	Composition	Quantity Generated	Treatment Method	Disposal Method																									
Type of Waste	Composition	Quantity Generated	Treatment Method	Disposal Method																											
16.	<p>OTHER AUTHORIZATIONS – In addition to the sub-surface and surface land use authorizations provided in Block 6, indicate any other authorizations required in relation to the proposed undertaking. For each provide the following:</p> <p style="color: blue;">Refer to Appendix 1-B for complete list of permits, licenses and authorizations (includes dates of issuance and expiry)</p> <p style="color: blue;">Refer to Volume 1, Section 1.1.5, Section 1.1.6 and Section 1.1.10 which provides overview of regulatory regime, land tenure and other authorizations which may be required, respectively.</p> <p>Authorization: _____</p>																														

	Administering Agency: _____ Project Activity: _____ Date (expected date) of issuance: _____ Date of expiry: _____
17.	<p>PREDICTED ENVIRONMENTAL IMPACTS OF UNDERTAKING AND PROPOSED MITIGATION MEASURES - Describe direct, indirect, and cumulative impacts related to water and waste.</p> <p style="color: #0070C0;">In support of the environmental review, baseline data have been collected to document existing conditions and to provide the foundation for a qualitative and quantitative assessment of the Project operations and the extension of the mine. Results have been provided in the joint submission to the NIRB/NWB.</p> <p style="color: #0070C0;">A summary of the FEIS for the Project is provided in Volume 2, Section 2.2.</p> <p style="color: #0070C0;">A detailed summary of impact in form of pathway analysis for each environmental component are provided in Appendix 3-C. The pathway tables describe the direct (Primary), indirect (Secondary) and no linkage pathways associated with Project activities and impacts. Full evaluation of direct impacts including mitigation measures are provided in Volume 4 through Volume 7.</p> <ul style="list-style-type: none"> ○ Volume 3 – Assessment Methods; ○ Volume 4 – Atmospheric Environment; ○ Volume 5 – Terrestrial Environment; ○ Volume 6 – Freshwater Environment; ○ Volume 7 – Human Environment; and ○ Volume 8 – Monitoring, Mitigation and Management Plans. <p style="color: #0070C0;">Volume 3 highlights the assessment methods used and includes Agnico Eagles approach to assessment of cumulative effects (Refer to Section 3.5.2). The cumulative effects assessment is provided in Appendix 3-D.</p> <p style="color: #0070C0;">For description of the physical environment and summary of impacts related to surface water quantity and surface water quality refer to Section 2.2.2.2.4 and Section 2.2.2.5, respectively. For detailed assessment results related to Water and Waste refer to Volume 4 through 7.</p> <p style="color: #0070C0;">The results of the environmental assessment found that with mitigation, the Project will not cause long-term significant negative effects as a result of proposed construction, operations, and closure.</p> <p style="color: #0070C0;">Agnico Eagle has developed monitoring and management programs required to mitigate, monitor, and report on its environmental performance against the regulatory requirements contained within its Meadowbank operating authorizations, permits, licenses, and leases consistent with the legal requirements of applicable Acts and Regulations in Nunavut. Existing Meadowbank Mine management and monitoring plans have been updated or addendums have been added to reflect the Project. Refer to Volume 8 of the submission.</p> <p style="color: #0070C0;">The pathway analysis tables (Appendix 3-C) developed for each environmental component includes environmental design features and mitigation as well as rationale for classification of impact.</p> <p style="color: #0070C0;">For water related components refer to:</p> <ul style="list-style-type: none"> • Table 3-C-4 hydrogeology • Table 3-C-5 hydrology

<ul style="list-style-type: none"> • Table 3-C-6 surface water quality <p>Waste related components have been integrated into all pathway analysis tables.</p>
<p>18. WATER RIGHTS OF EXISTING AND OTHER USERS OF WATER</p> <p>Provide the names, addresses and nature of use for any known persons or properties that may be adversely affected by the proposed undertaking, including those that hold licences for water use in precedent to the application, domestic users, in-stream users, authorized waste depositors, owners of property, occupiers of property, and/or holders of outfitting concessions, registered trapline holders, and holders of other rights of a similar nature.</p> <p>Water compensation agreement in place between Agnico Eagle and the Kivalliq Inuit Association. (See block 19 below). Agnico Eagle knows of no other water rights that must be secured for the proposed Project.</p> <p>Advise the Board if compensation has been paid and/or agreement(s) for compensation have been reached with any existing or other users.</p> <p>(See block 19 below)</p>
<p>19. INUIT WATER RIGHTS</p> <p>Advise the Board of any substantial affect of the quality, quantity or flow of waters flowing through Inuit Owned Land (IOL), and advise the Board if negotiations have commenced or an agreement to pay compensation for any loss or damage has been reached with one or more Designated Inuit Organization (DIO).</p> <p>Kivalliq Inuit Association (KIA)</p> <p>Agnico Eagle signed a Water Compensation Agreement for the Meadowbank Mine with the KIA in accordance with the requirements of Article 20 of the NLCA. It is expected that these agreements (i.e., wildlife agreement and water compensation agreement) will be revised during the regulatory process to cover the development of the proposed Project.</p> <p>Agnico Eagle is aware that the NWB is precluded from issuing a water licence for the Project if a water compensation agreement has not been reached with the KIA. Because it lies on IOL, the Project can only proceed with the full consent of the Inuit as provided by the KIA.</p>
<p>20. CONSULTATION – Provide a summary of any consultation meetings including when the meetings were held, where and with whom. Include a list of concerns expressed and measures to address concerns.</p> <p>Effective public consultation and engagement helps ensure that community members are informed and knowledgeable about proposed projects, that community support for those projects is more readily obtained, and sustainable development goals are achieved. To obtain these goals, Agnico Eagle has engaged in numerous community engagement forums including workshops, consultation meetings, public open houses for Whale Tail Pit Project. The goal of these engagements was to:</p> <ul style="list-style-type: none"> • identification and prioritization of communities and community stakeholder groups; • developing an understanding of key community and stakeholder views regarding the Project;

- addressing community and stakeholder issues and expectations;
- identifying current and historical patterns of land- and resource-use;
- identifying VCs and VSECs;
- determining criteria for evaluating the significance of potential impacts;
- deciding upon mitigating measures;
- formulating compensation packages;
- identifying and implementing monitoring measures, including post-project audits; and
- continuous improvement.

Since operation of the Meadowbank Mine began, Agnico Eagle has continued public consultation by meeting with employees local employees that live throughout the Kivalliq, meeting in the community and local stakeholders, and regulatory agencies routinely which has allowed a better general understanding of the rights, interests, values, aspirations, and concerns of the potentially affected stakeholders, with particular reference to the local population. Through this continued consultation Agnico Eagle has developed an operational culture that recognizes and respects these relevant interests in the planning and executing processes.

A record of consultation including government engagement is provided in Volume 2, Table 2-H. Agnico Eagle has and will continue to engage with the KIA and other stakeholders.

21. SECURITY INFORMATION

Provide an estimate of the total financial security for final reclamation equal to the total outstanding reclamation liability for land and water combined sufficient to cover the highest liability over the life of the undertaking. Estimates of reclamation costs must be based on the cost of having the necessary reclamation work done by a third party contractor if the operator defaults. The estimate must also include contingency factors appropriate to the particular work to be undertaken.

Where applicable, the financial security assessment should be prepared in a manner consistent with the principals respecting mine site reclamation and implementation found in the *Mine Site Reclamation Policy for Nunavut*, Indian and Northern Affairs Canada, 2002.

Agnico Eagle has prepared an Interim Closure and Reclamation Plan for the Whale Tail Pit as an addendum to the Meadowbank Mine ICRP. An estimate for total security of Whale Tail operations consistent with INAC policy and guidelines is attached as Appendix to the ICRP for Whale Tail. (Refer to Volume 8, Appendix 8-F.1).

The total estimated financial security for the Project is \$ 19,831,405.

Consistent with the recent amendments to the NWNSRTA (In force on June 18, 2016) Agnico Eagle as entered into a security agreement with the KIA and INAC. Final approval of the agreement is still pending.

Refer to Volume 2, Section 2.5.2 for additional information on security.

22. FINANCIAL INFORMATION

Provide a statement of financial responsibility.

A statement of financial responsibility is provided in Volume 2, Section 2.5.1

A copy of Agnico Eagle's most recent audited financial statements are provided in Volume 1, Appendix 1-A.

If the applicant is a business entity, provide a list of the officers of the company.

Current list of officers for Agnico Eagle (as of 18 May 2016):

CEO – Sean Boyd

President – Ammar Al-Joundi

Directors: James D. Nasso; Sean Boyd, Dr. Leanne M. Baker, Martine A. Celej; Robert J. Gemmell, Bernard Kraft; Mel Leiderman, Deborah McCombe, Dr. Sean Riley, J. Merfyn Roberts, Howard Stockford, and Pertti Voutilainen.

Senior Vice-Presidents: David Smith, Donald G. Allan, Alain Blackburn, Picklu Datta, Louise Grondin, Tim Haldane, R. Gregory Laing, Marc Legault, Jean Robitaille, and Yvon Sylvestre.

Vice Presidents: Luis Felipe Medina Aguirre, Lino Cafazzo, Paul Cousin, Mathew Cook, Brian Christie, Patrice Gilbert, Dominique Girard, Guy Gosselin, Ingmar E. Haga, Michel Julien, Michel Leclerc, Christain Provencher, Michael Timmins and Carol Plummer.

Source: <http://www.agnicoeagle.com/en/About-Us/Pages/Management.aspx>

Refer to Volume 1, Section 1.1.2, Table 1.1-2 for a list of Agnico Eagle key contacts and Table 1.1-3 for a list of consultants and contractors who have provided assistance and support in preparation of the Application

If the applicant is a business entity attach a copy of the Certificate of Incorporation or evidence of registration of the company name.

<http://www.nwb-oen.ca/public/registry/2%20MINING%20MILLING/2A/2AM%20-%20Mining/2AM-MEA1525%20Agnico/1%20APPLICATION/070801%202AM-MEA---%20Certificate%20of%20Articles%20of%20Amalgamation-ILAE.pdf>

23. STUDIES UNDERTAKEN TO DATE - List and attach copies of studies, reports, research, etc.

The list of key studies, reports and research undertaken for the Project relating to the use of water and disposal of waste is provided below. A full list of studies, reports and research completed for the Project as referenced within the Amendment and supporting documents can be provided upon request.

Baseline studies are provided as supporting documents to Volume 3 through Volume 7. Agnico Eagle has contributed to various research projects since 2008, which are presented in the annual reports and have included but are not limited to research and studies on:

- **Caribou migration;**
- **Falcons and raptors;**
- **Socio Economics in the Kivalliq;**
- **Hunter Harvest Studies;**
- **Acid Rock drainage and Freeze Back of tailings;**
- **Vegetation regrowth in northern climates;**
- **Fisheries disturbance and food chain studies;**
- **Wind power in northern climates; and**
- **Climate Change.**

Volumes 3 to 7 are a series of complementary documents to provide a full understanding of the technical and scientific aspects of the Project, and have leveraged the data collected at Meadowbank to bolster the assessment of the Project:

- **Volume 3 – Assessment Methods;**

- Volume 4 – Atmospheric Environment;
- Volume 5 – Terrestrial Environment;
- Volume 6 – Freshwater Environment; and
- Volume 7 – Human Environment.

Furthermore various documents have supported the development of management and mitigation strategies in the Project Description – Volume 1, and in the series of management plan addendums, that are extensions of approved Meadowbank Mine plans including:

- Final Environmental Impact Statement Amendment;
- Ammonia Management Plan
- Meadowbank Bulk Fuel Storage Facility Environmental Performance Monitoring Plan
- Emergency Response Plan
- Hazardous Materials Management Plan
- Shipping Management Plan
- Spill Contingency Plan
- Air Quality Monitoring Plan
- Core Receiving Environment Monitoring Program (CREMP)
- Groundwater Monitoring Plan
- Operational ARD-ML Sampling and Testing Plan
- Socio-economics Management and Monitoring Plan
- Terrestrial Ecosystem Management Plan
- Archaeology Management Plan
- Appendix WT - Meadowbank Tailing Management Plan for Whale Tail (associated with the 2AM MEA1525 amendment)

Furthermore, there are a series of plans that have been submitted to the NWB that are specific to Whale Tail Pit:

- Water Quality Monitoring and Management Plan for Dike Construction Dewatering
- Landfill Design and Management Plan
- Waste Rock Storage Management Plan
- Water Management Plan
- Water Quality and Flow Monitoring Plan
- Whale Tail Pit Haul Road Management Plan
- Interim Whale Tail Closure and Reclamation Plan
- Fisheries and Offsetting Monitoring Plan
- Conceptual Whale Tail Pit Offsetting Plan

- 24. PROPOSED TIME SCHEDULE** – Indicate the proposed start and completion dates for each applicable phase of development (construction, operation, closure, and post closure).

The amendment is to extend Meadowbank mining operations past Q3 2018 to include Whale Tail Pit. Agnico Eagle proposes to begin construction as soon as permits are received (as early as July 1, 2017), for operations to begin in 2019 and closure until 2029.

The Project will extend the operational phase and closure/post closure phases of the Meadowbank Mine.

Construction

<p>Proposed Start Date: <u>July/ 2017</u> Proposed Completion Date: <u>April/2019</u> (month/year) (month/year)</p> <p><u>Operation</u> Proposed Start Date: <u>April/2019</u> Proposed Completion Date: <u>Dec/2022</u> (month/year) (month/year)</p> <p><u>Closure</u> Proposed Start Date: <u>Dec/2022</u> Proposed Completion Date: <u>Dec/2029</u> (month/year) (month/year)</p> <p><u>Post - Closure</u> Proposed Start Date: <u>Dec/2029</u> Proposed Completion Date: <u>to be determined</u> (month/year) (month/year)</p> <p>For each applicable phase of development indicate which season(s) activities occur.</p> <p><u>Construction</u> <input type="checkbox"/> Winter <input type="checkbox"/> Spring <input type="checkbox"/> Summer <input type="checkbox"/> Fall <input checked="" type="checkbox"/> All season </p> <p><u>Operation</u> <input type="checkbox"/> Winter <input type="checkbox"/> Spring <input type="checkbox"/> Summer <input type="checkbox"/> Fall <input checked="" type="checkbox"/> All season </p> <p><u>Closure</u> <input type="checkbox"/> Winter <input type="checkbox"/> Spring <input type="checkbox"/> Summer <input type="checkbox"/> Fall <input checked="" type="checkbox"/> All season </p> <p><u>Post - Closure</u> <input type="checkbox"/> Winter <input type="checkbox"/> Spring <input type="checkbox"/> Summer <input type="checkbox"/> Fall <input checked="" type="checkbox"/> All season </p>
<p>25. PROPOSED TERM OF LICENCE</p> <p>Number of years (maximum of 25 years): <u>8</u> years</p> <p>Requested Date of Issuance: <u>July 1, 2017</u> Requested Expiry Date: <u>July 22, 2025</u> (month/year) (month/year)</p> <p>(The requested date of issuance must be <u>at least</u> three (3) months from the date of application for a type B water licence and <u>at least</u> one (1) year from the date of application for a type A water licence, to allow for processing of the water licence application. These timeframes are approximate and do not account for the time to complete any pre-licensing land use planning or development impact requirements, time for the applicant to prepare and submit a water licence application in accordance with any project specific guidelines issued by the NWB, or the time for the applicant to respond to requests for additional information. See the NWB's <i>Guide 5: Processing Water Licence Applications</i> for more information)</p>
<p>26. ANNUAL REPORTING – If not using the NWB's <i>Standardized Form for Annual Reporting</i>, provide details regarding the content of annual reports and a proposed outline or template of the annual report.</p> <p>Agnico Eagle acknowledges that annual reporting requirements may change as a result of the reconsideration of the Project Certificate and approval of an amended Type A 2AM MEA1525 Water Licence. As such Agnico Eagle will comply with the reporting format stipulated in the amended Type A Water Licence and the Existing Annual Reporting requirements and format will also be considered.</p>
<p>27. CHECKLIST – The following must be included with the application for the water licensing process to begin.</p> <p>Written confirmation from the NPC confirming that NPC's requirements regarding land use plan</p>

conformity have been addressed.

☒ Yes ☐ No If no, date expected _____

Written confirmation from the NIRB confirming that NIRB's requirements regarding development impact assessment have been addressed.

☒ Yes ☐ No If no, date expected _____

Completed General Water Licence Application form.

☒ Yes ☐ No If no, date expected _____

Information addressing Supplemental Information Guideline (SIG) , where applicable (see Block 11)

☒ Yes ☐ No If no, date expected _____

English Summary of Application.

☒ Yes ☐ No If no, date expected _____

Inuktitut and/or Inuinnaqtun Summary of Application.

☒ Yes ☐ No If no, date expected _____

Application Fee of \$30.00 CDN (Payee Receiver General for Canada).

☒ Yes ☐ No If no, date expected _____

Water Use Fee Deposit of \$30.00 CDN (Payee Receiver General for Canada). The actual water use fee will be calculated by the NWB based upon the amount of water authorized for use in accordance with the Regulations at the time of issuance of the licence.

☐ Yes ☒ No If no, date expected **As per Nunavut Water Regulations water use fees payable to the Crown or Receiver General for Canada are not required given the Project is on Inuit Owned Land.**

28. SIGNATURE

Ryan Vanengen

Amaruq Permitting
Lead



May 25, 2017

Name (Print)

Title (Print)

Signature

Date